20050307.070207

FIG.1

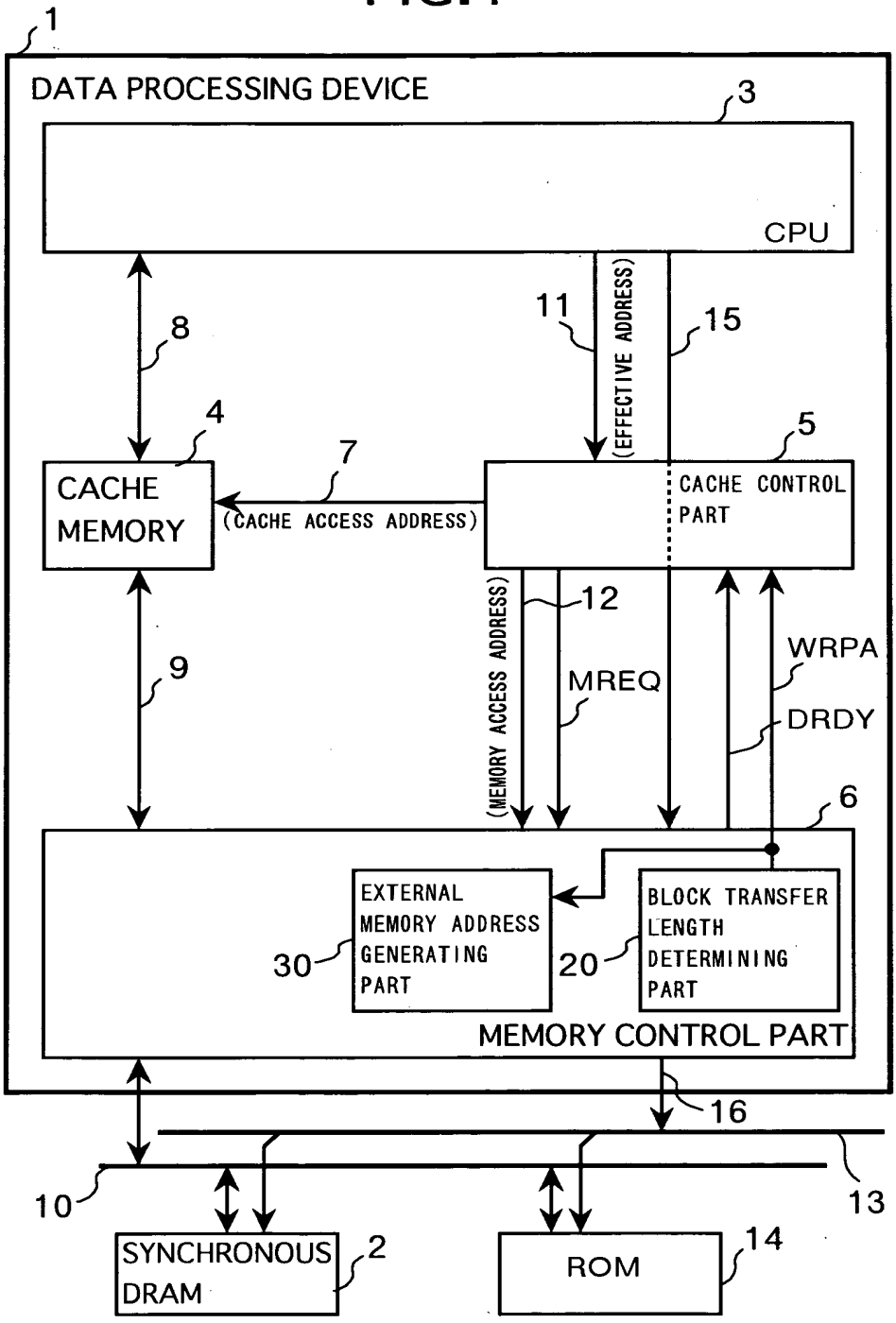

FIG.2

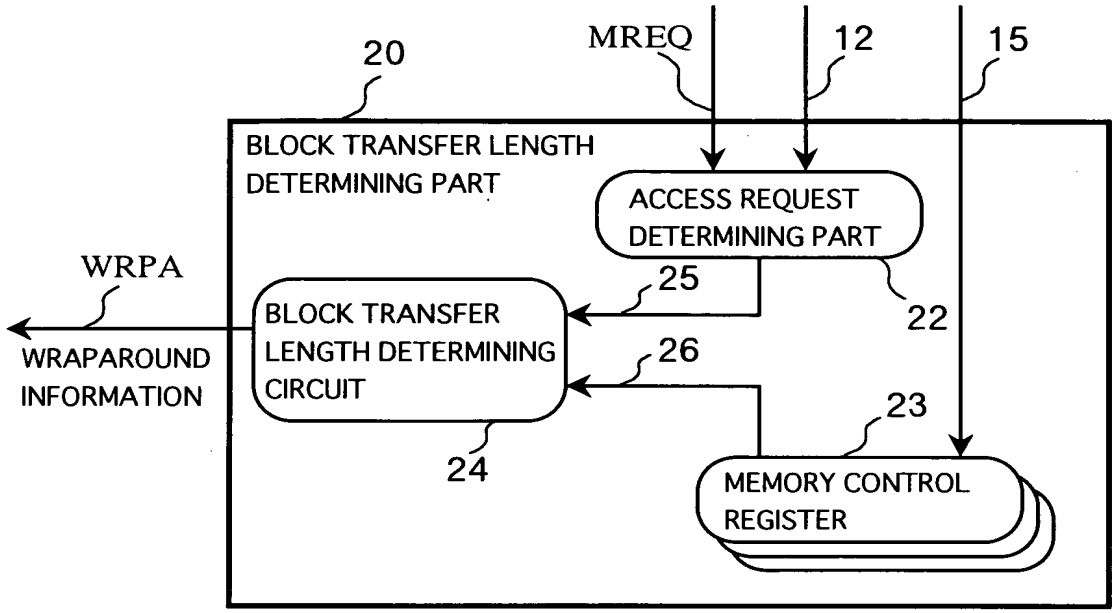

FIG.3

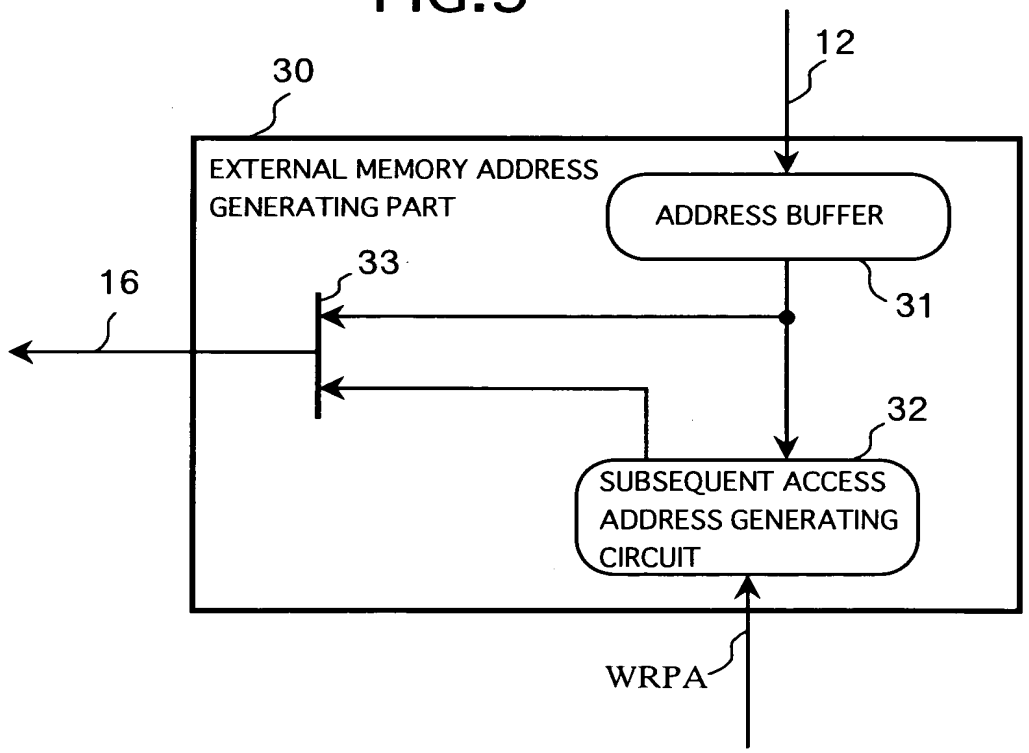

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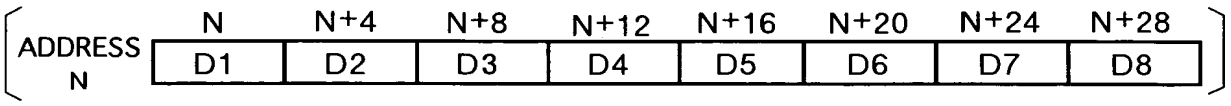
FIG.4



FIRST ACCESS ADDRESS	WRAPAROUND INFORMATION	SECOND ACCESS ADDRESS
N+0	32 BYTES	NO
	16 BYTES	N+16
N+4 N+8 N+12	32 BYTES	NO
	16 BYTES	N+16
N+16	32 BYTES	NO
	16 BYTES	N+0
N+20 N+24 N+28	32 BYTES	NO
	16 BYTES	N+0

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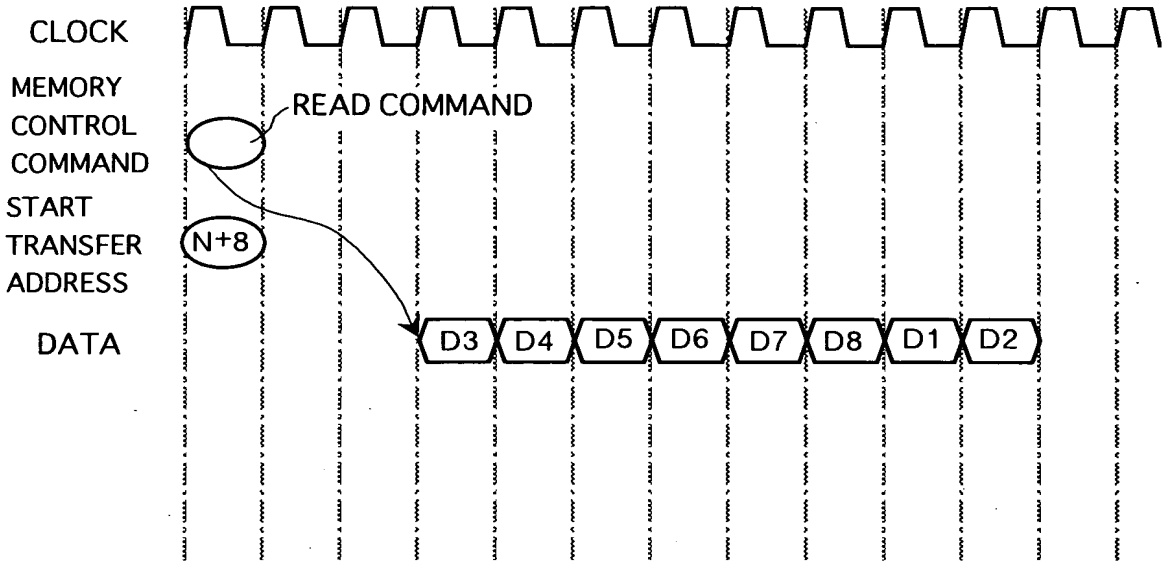
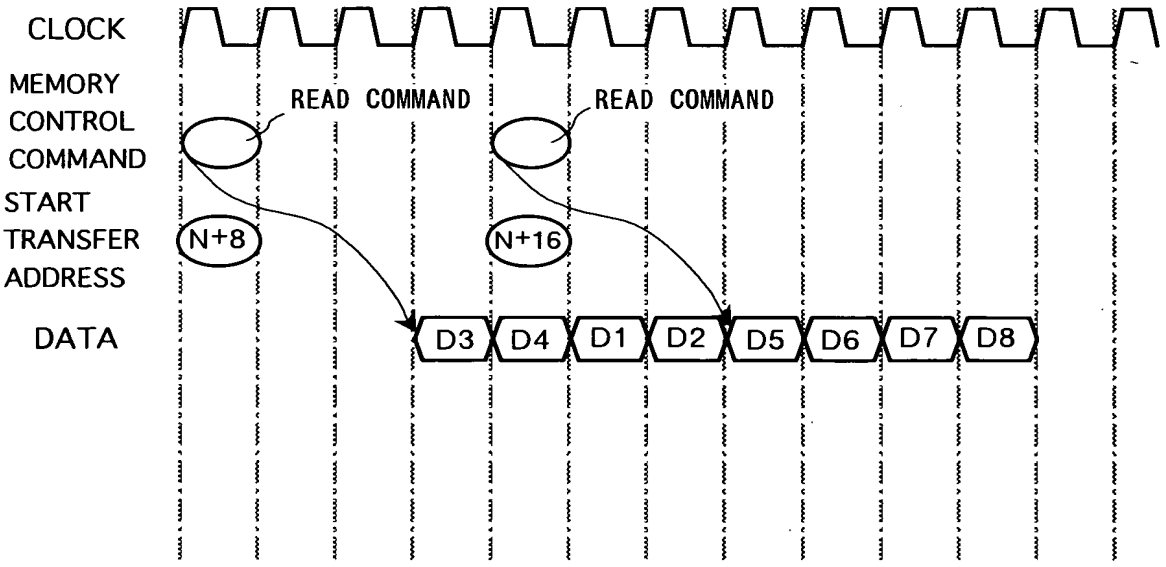
FIG.5



(BURST TRANSFER FROM ADDRESS OF N+8, WRAPAROUND LENGTH=32BYTES)

FIG.6



(BURST TRANSFER FROM ADDRESS OF N+8, WRAPAROUND LENGTH=16BYTES)

FIG.7

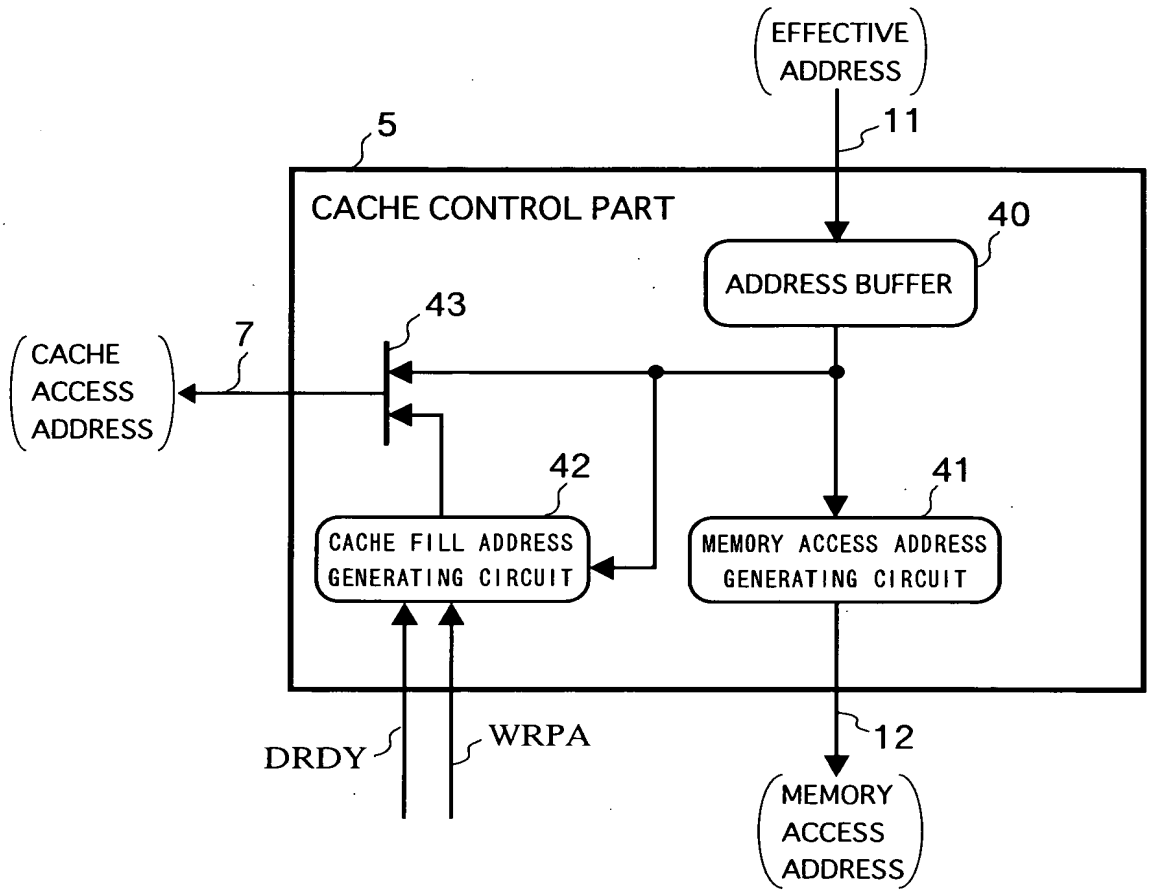


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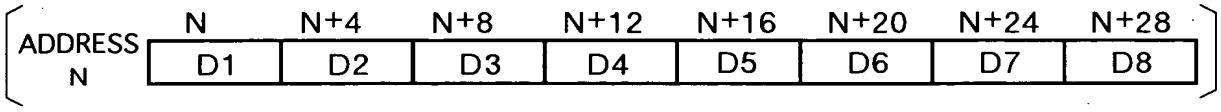
FIG.8



EFFECTIVE ADDRESS	WRAPAROUND INFORMATION	CACHE FILL ADDRESS (UPPER) CORRESPONDING DATA (LOWER)
N+0	32 BYTES	N+0->N+4->N+8->N+12->N+16->N+20->N+24->N+28 D1 ->D2 ->D3 ->D4 ->D5 ->D6 ->D7 ->D8
	16 BYTES	N+0->N+4->N+8->N+12->N+16->N+20->N+24->N+28 D1 ->D2 ->D3 ->D4 ->D5 ->D6 ->D7 ->D8
N+8	32 BYTES	N+8->N+12->N+16->N+20->N+24->N+28->N+0->N+4 D3 ->D4 ->D5 ->D6 ->D7 ->D8 ->D1 ->D2
	16 BYTES	N+8->N+12->N+0->N+4->N+16->N+20->N+24->N+28 D3 ->D4 ->D1 ->D2 ->D5 ->D6 ->D7 ->D8
N+16	32 BYTES	N+16->N+20->N+24->N+28->N+0->N+4->N+8->N+12 D5 ->D6 ->D7 ->D8 ->D1 ->D2 ->D3 ->D4
	16 BYTES	N+16->N+20->N+24->N+28->N+0->N+4->N+8->N+12 D5 ->D6 ->D7 ->D8 ->D1 ->D2 ->D3 ->D4
N+24	32 BYTES	N+24->N+28->N+0->N+4->N+8->N+12->N+16->N+20 D7 ->D8 ->D1 ->D2 ->D3 ->D4 ->D5 ->D6
	16 BYTES	N+24->N+28->N+16->N+20->N+0->N+4->N+8->N+12 D7 ->D8 ->D5 ->D6 ->D1 ->D2 ->D3 ->D4

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FIG.9

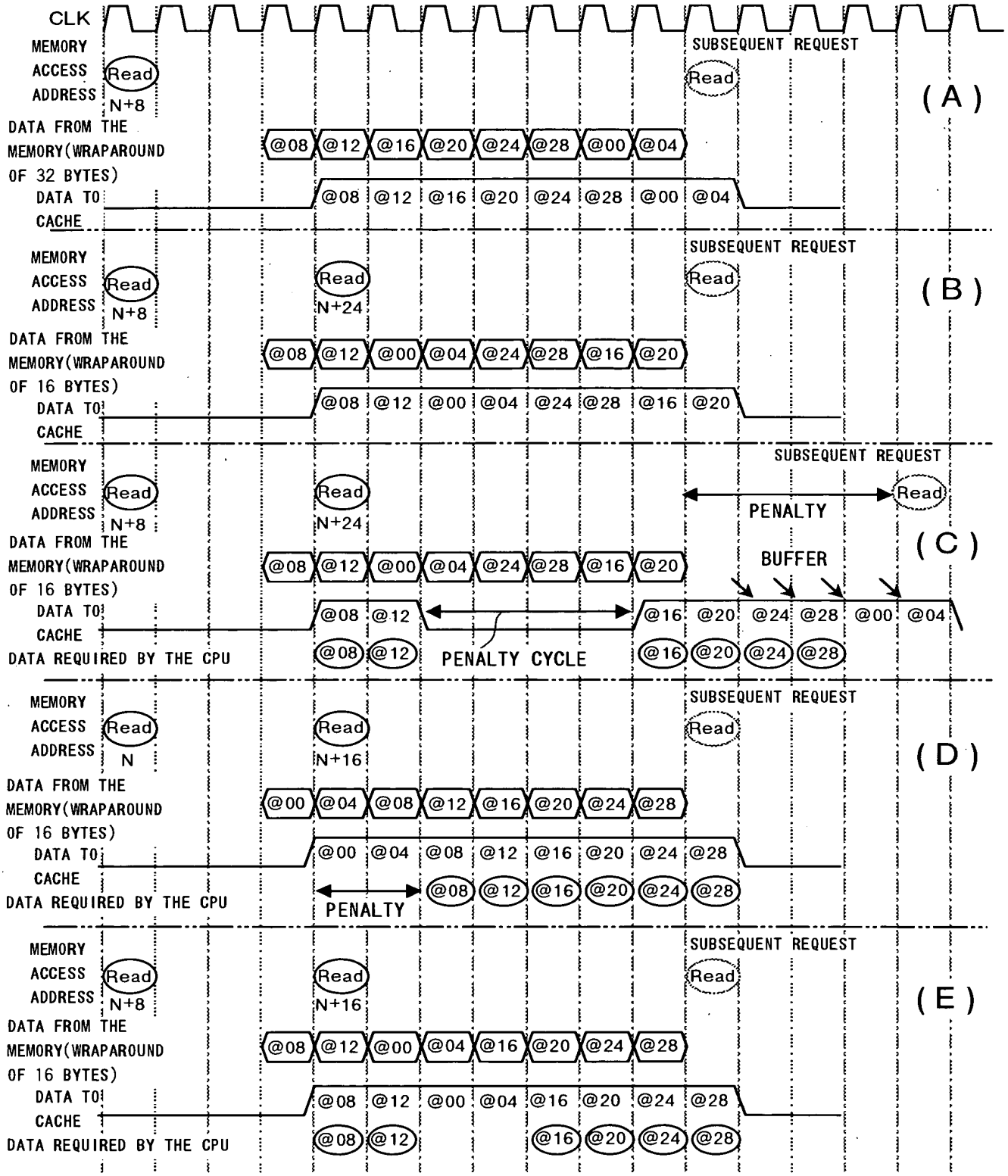

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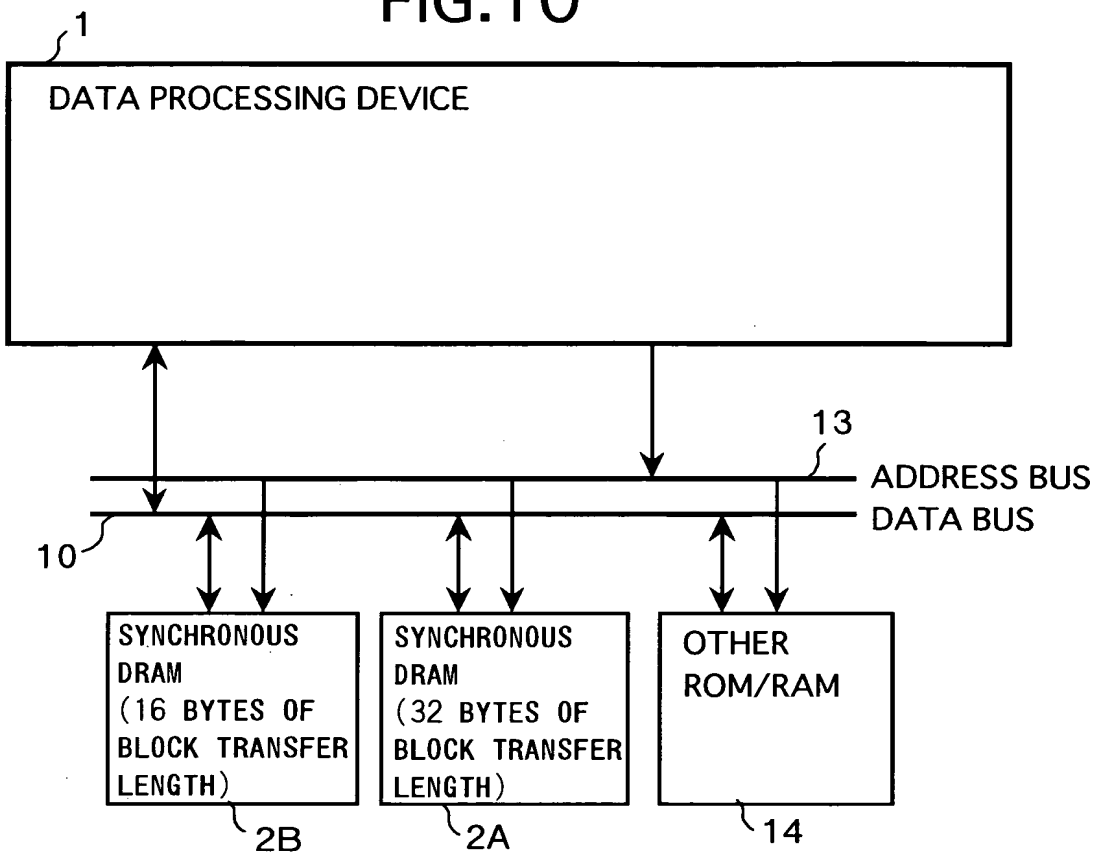
FIG.10



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